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APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
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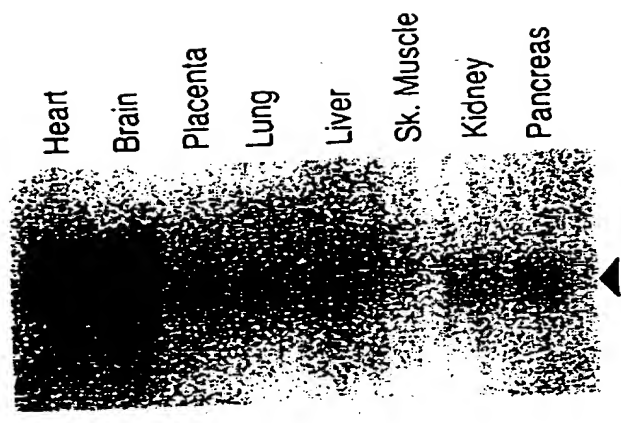


FIG. 1A

ggggcaggaagacggcgctgcccggaggagc -153
 ggggcggggcgggcgcgcgggggagcgggcggcgggcgaggccagggccggggcgggggcgggggcgggggccag -77
 aagaggcgggcgggcgcgctccggccggtctgcggcggttgcccttggtttggtttggcgggcgggcggtggagaag -1

ATG CTG CAG TCC CTG GCC GGC AGC TCG TGC GTG CGC CTG GTG GAG CGG CAC CGC	TCG	57
M L Q S L A G S S C V R L V E R H R	S	19
GCC TGG TGC TTC GGC TTC CTG GTG CTG GGC TAC TTG CTC TAC CTG GTC TTC GGC GCA		114
A W C F G F L V L G Y L L Y L V F G A		38
GTG GTC TTC TCC TCG GTG	GAG CTG CCC TAT GAG GAC CTG CTG CGC CAG GAG CTG CGC	171
V V F S S V	E L P Y E D L L R Q E L R	57
AAG CTG AAG CGA CGC TTC TTG GAG GAG CAC GAG TGC CTG TCT GAG CAG CAG CTG GAG		228
K L K R R F L E E H E C L S E Q Q L E		76
CAG TTC CTG GGC CGG GTG CTG GAG GCC AGC AAC TAC GGC GTG TCG GTG CTC AGC AAC		285
Q F L G R V L E A S N Y G V S V L S N		95
GCC TCG GGC AAC TGG AAC TGG GAC TTC ACC TCC GCG CTC TTC TTC GCC AGC ACC GTG		342
A S G N W N W D F T S A L F F A S T V		114
CTC TCC ACC ACA GGT TAT GGC CAC ACC GTG CCC TTG TCA GAT	GGA GGT AAG GCC TTC	399
L S T T G Y G H T V P L S D	G G K A F	133
TGC ATC ATC TAC TCC GTC ATT GGC ATT CCC TTC ACC CTC CTG TTC CTG ACG GCT GTG		456
C I I Y S V I G I P F T L L F L T A V		152
GTC	CAG CGC ATC ACC GTG CAC GTC ACC CGC AGG CCG GTC CTC TAC TTC CAC ATC CGC	513
V	Q R I T V H V T R R P V L Y F H I R	171
TGG GGC TTC TCC AAG CAG	GTG GTG GCC ATC GTC CAT GCC GTG CTC CTT GGG TTT GTG	570
W G F S K Q	V V A I V H A V L L G F V	190
ACT GTG TCC TGC TTC TTC TTC ATC CCG GCC GCT GTC TTC TCA GTC CTG	GAG GAT GAC	627
T V S C F F F I P A A V F S V L	E D D	209

APPROVED	O.G. FIG.
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FIG. 1B

APPROVED	O.G. FIG.
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TGG AAC TTC CTG GAA TCC TTT TAT TTT TGT TTT ATT TCC CTG AGC ACC ATT GGC CTG	684
W N F L E S F Y F C F I S L S T I G L	228
GGG GAT TAT GTG CCT GGG GAA GGC TAC AAT CAA AAA TTC AGA GAG CTC TAT AAG ATT	741
G D Y V P G E G Y N Q K F R E L Y K I	247
GGG ATC ACG TGT TAC CTG CTA CTT GGC CTT ATT GCC ATG TTG GTA GTT CTG GAA ACC	798
G I T C Y L L L G L I A M L V V L E T	266
TTC TGT GAA CTC CAT GAG CTG AAA AAA TTC AGA AAA ATG TTC TAT GTG AAG AAG GAC	855
F C E L H E L K K F R K M F Y V K K D	285
AAG GAC GAG GAT CAG GTG CAC ATC ATA GAG CAT GAC CAA CTG TCC TTC TCC TCG ATC	912
K D E D Q V H I I E H D Q L S F S S I	304
ACA GAC CAG GCA GCT GGC ATG AAA GAG GAC CAG AAG CAA AAT GAG CCT TTT GTG GCC	969
T D Q A A G M K E D Q K Q N E P F V A	323
ACC CAG TCA TCT GCC TGC GTG GAT GGC CCT GCA AAC CAT TGA gcgtaggatttggtgcatt	1030
T Q S S A C V D G P A N H *	337
atgctagagcaccaggggcaggggtgcaaggaagaggcttaagtagttcattttttatcagaatgcaaaagcgaaaa	1106
ttatgtcactttaagaaatagctactgtttgcaatgtcttattaaaaaacaacaaaaaagacacatggaacaaag	1182
aagctgtgacccagcaggatgtctaataatgtgaggaaatgagatgtccacctaataatcatatgtgacaaaatta	1258
tctcgaccttacataggaggagaataacttgaagcagtagctgtgctgtggttagaagcagattttatacttttaact	1334
ggaaactttggggtttgcatttagatcatttagctgatggctaaatagcaaaatttatatttagaagcaaaaaaaa	1410
aaagcatagagatgtgtttataaatagggtttatgtgtactggtttgcattgtacccacccaaaatgattatttttg	1486
gagaatctaagtcaaactcactattttataatgcataaggaaccattaactatgtacatataaagtataaatatgtt	1562
tatattctgtacatatgtgttttaggtcaccagatcctagtgttagttctgaaactaagactatagatattttgtttct	1638
tttgatttctctttataactaaagaatccagagttgctacaataaaaataaggggaataataaaaaaaaaaaaaa	1712

FIG. 1B

APPROVED	O.G. FIG.	
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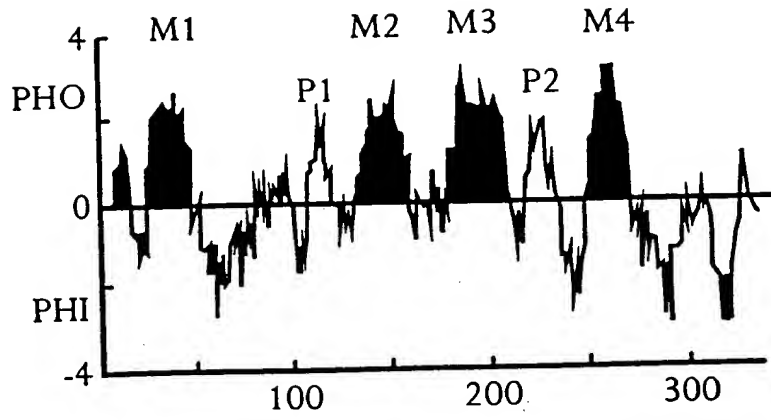


FIG. 1C

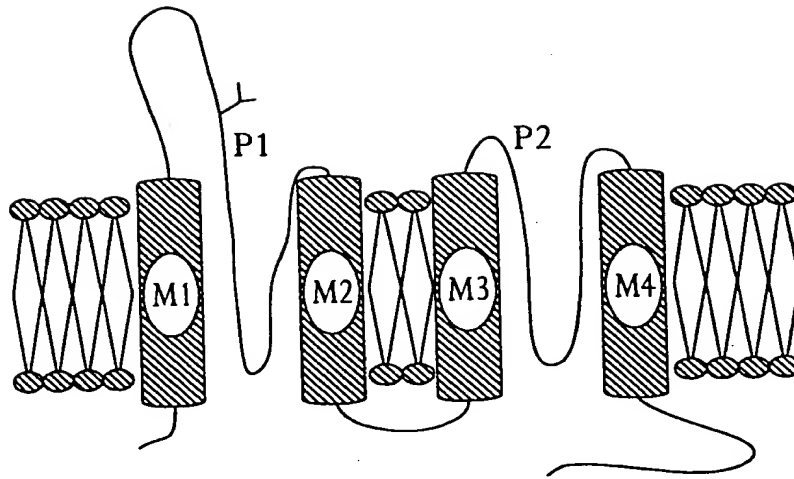


FIG. 1C

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[illegible]

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F	T	S	A	L	E	F	A	S	T	V	L	S	T	I	G	Y	G	H	T	V	P	L	S	D	G	S
E	L	E	S	F	Y	F	C	F	L	S	L	S	T	I	G	L	G	D	Y	V	P	G	E	G	Y	N
Y	F	N	C	I	Y	E	C	F	L	C	L	L	T	I	G	Y	G	D	Y	A	P	R	T	G	A	G
Y	G	N	A	L	Y	E	C	T	V	S	L	L	T	V	G	L	G	D	I	L	P	K	S	V	G	A
Y	W	T	C	V	Y	E	L	I	V	T	M	S	T	V	G	Y	G	D	V	Y	C	E	T	V	L	G
I	P	D	A	F	W	A	V	T	M	T	I	V	G	Y	G	D	M	T	P	V	G	F	W	G	S	
I	P	E	A	F	W	A	G	I	T	M	T	I	V	G	Y	G	D	I	C	P	T	T	A	L	G	
I	P	A	A	F	W	Y	T	I	V	T	M	T	I	L	G	Y	G	D	M	V	P	E	T	I	A	G
I	P	L	C	L	W	A	L	V	T	M	T	I	V	G	Y	G	D	M	A	P	K	T	Y	I	G	
Y	V	T	A	L	Y	W	S	I	T	T	L	T	T	G	Y	G	D	F	H	A	E	N	P	R	E	
Y	V	T	S	M	Y	W	S	I	T	T	L	T	T	V	G	Y	G	D	I	H	P	V	N	T	K	E
Y	V	T	A	L	Y	F	T	M	T	O	M	T	S	V	G	E	G	N	V	A	A	E	T	D	N	E
M	T	S	A	F	L	S	L	E	T	O	V	T	I	G	Y	G	F	R	F	V	T	E	Q	C	A	
E	T	A	A	F	L	S	I	E	T	O	T	T	I	G	Y	G	F	R	C	V	T	D	E	C	P	
F	P	S	A	F	L	F	I	E	T	E	A	T	I	G	Y	G	Y	R	I	T	D	K	C	P		

FIG. 2A

APPROVED	O.G. FIG.
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TWIK-1	1	MLOSLAGSSCVREVE-----RHRSAWCF--GE-----LVLGY
f17c8	1	MYTDEGEYS GDTDHGGS TMOKMSPNTRONFRONVNVVYCLSAATL--
M110-2	1	MTVSMEEENSK IOMLSATSKDKKVATDRSLLNKYHLGPLALHTGELVSC
TWIK-1	31	LEYLVFGAVVESVVELPYEDLLROE-----LRKIKRRELEEHEC---L
f17c8	47	LVNLIIGAGFE-----YLAETONSSES
M110-2	49	YTYALGCAYELSLIEHP-EELKRREKAIREFQDLKQOEMCNITSGIEN
TWIK-1	71	SEOOLEOELGRVL-----EASNKGVSYSNASGNWNW--DFTSALF
f17c8	69	LNENSEV--SKCLHNLPIGGKITAEEMKSKLGKCLTKSSRIDGFGKAIT
M110-2	96	SEQSTELYTKKLMLLEDAHNAHAFFYFFLNREIPKDMW--TESSALY
P1		
TWIK-1	110	FASTVLSTTGYGHTVPLESDGGKAFCLL-YSVIGIPFTLEELTAVVORI
f17c8	115	FSWTLYSTVGYGSLPHSTELGRYITIF-YSLMLIPVFFAEKFEFGTEL
M110-2	142	FETITVVPVGYGYEPVSAICR-MCLIAVALLGIPETLVTMADTGKFA
TWIK-1	157	EVH---VTRRPVL-----VEHWRWGESKOVVALVHAVLGEVTVSCFF
f17c8	162	AHFLVVVENRTRLAVKKAYKLS-ONPENAETPSNSLOHDYIFLSSIN
M110-2	189	AQL---VTR-----W-FCNNMAIPAAIFV-----CLL
P2		
TWIK-1	197	ELPAAVFS--VL-EDDWNELSEFYECFISLSTIGEGDYVPCEGYN
f17c8	209	LLCSISLSSSAFFSSINISYLSVYEGITMFLIGIGDIYPTN---
M110-2	213	EAYPLAVGF---LCSSTSNITYLDSVYFSITSEFTIGFGDLTP----
TWIK-1	239	QKFRLEYKIGETCYLLGLIAMEVLETFC-----ELHELKKEK-----
f17c8	254	-----LVWFSGYCMLFLISDYLSNOIEYFCQARYRYFFHILARKEL
M110-2	253	-----DMNVTHM/LELAVGVILVTITLDIVA---AEMI DRVHYMGRHYG
TWIK-1	278	-----KMEYVKKDKDEDOVHLEHDOL-----SFSSITDOAGMKEED
f17c8	295	LLRE-EDDGFOLETVSLQHEPIINSQCMPSL-----VLDCKEETLOND
M110-2	294	KAKELAGKMFOLAQSLNNKQGLVSGVGOLHALARFGMLVGREENVDKIQ
TWIK-1	315	QKONEPEVAT-----QSSACVDGPANH----
f17c8	338	EKLISLPEST-----
M110-2	342	EDGIIAFSPDVMGLEFMDTLISIYSRRSRRSAENSARNLFLS

FIG. 2B

APPROVED	O.G. FIG.
BY	CLASS/SUBCLASS
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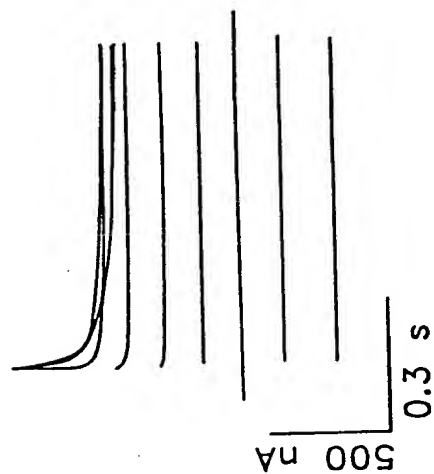


FIG. 3a

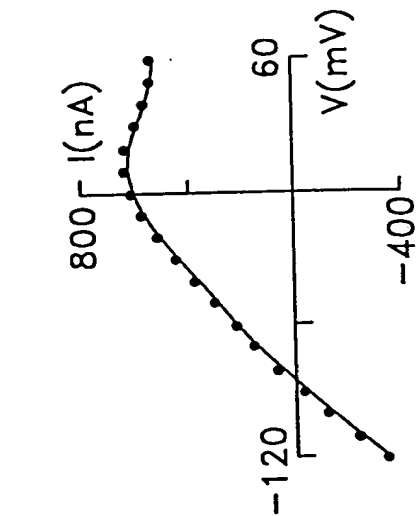


FIG. 3b

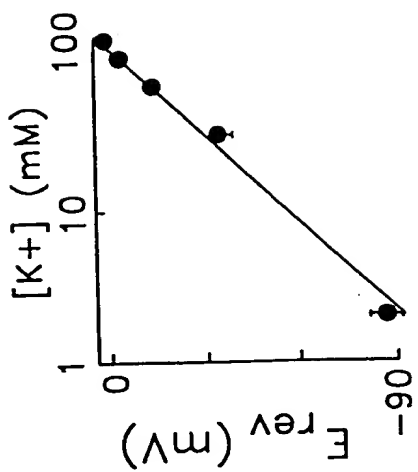


FIG. 3c

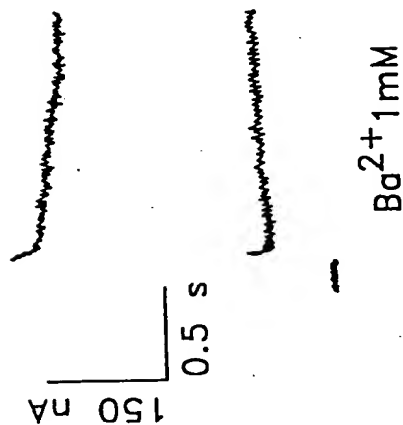


FIG. 3d

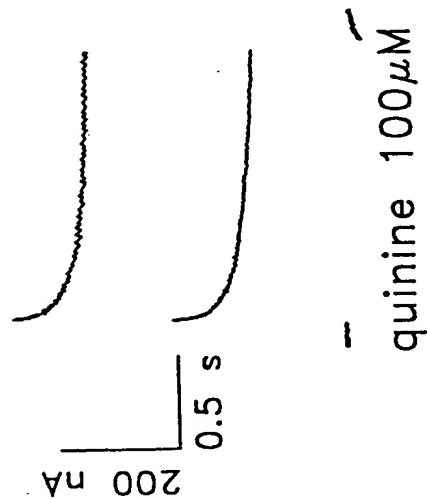


FIG. 3e

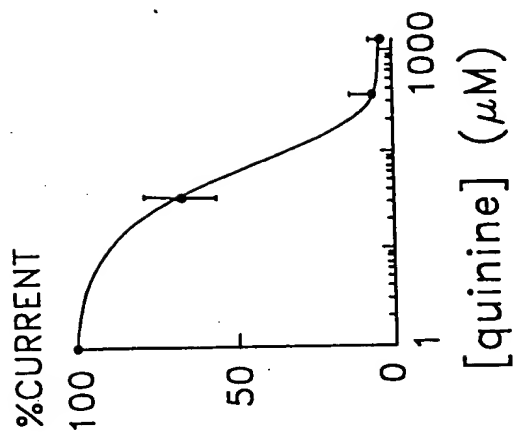


FIG. 3f

APPROVED	O.G. FIG.	
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FIG. 4a

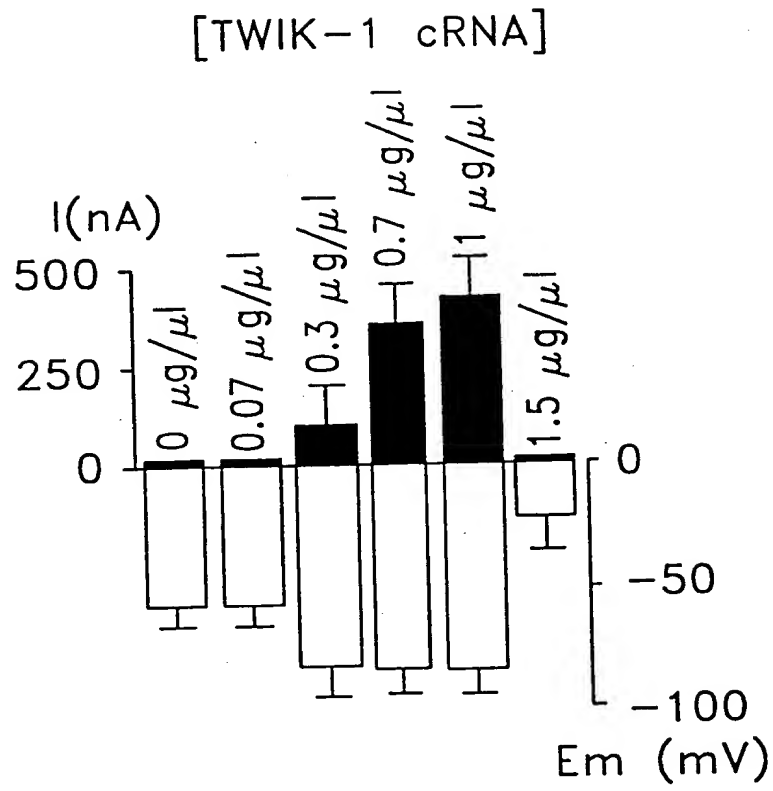


FIG. 4b

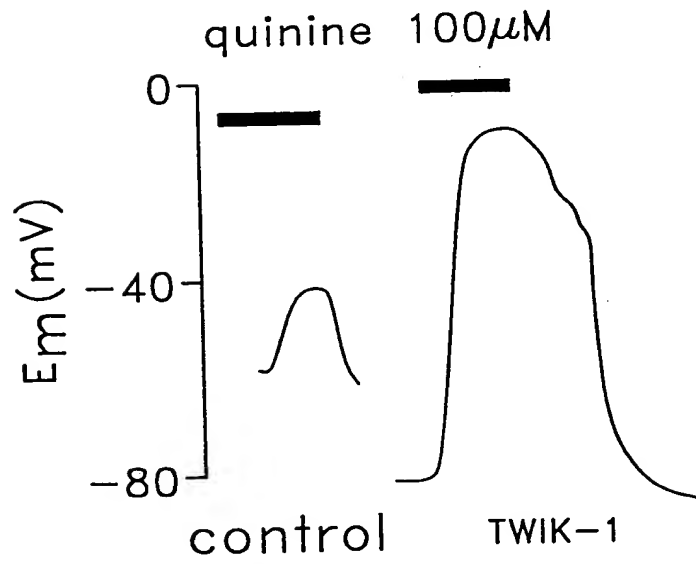
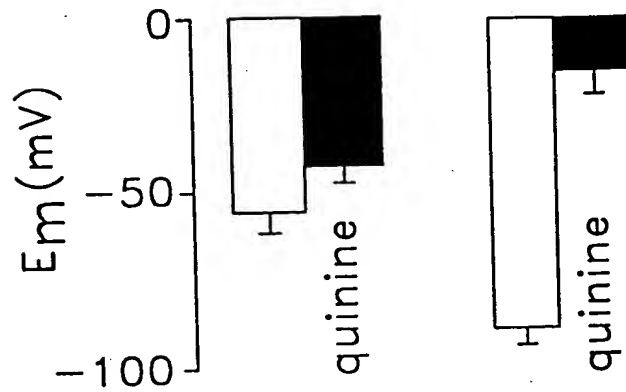


FIG. 4c



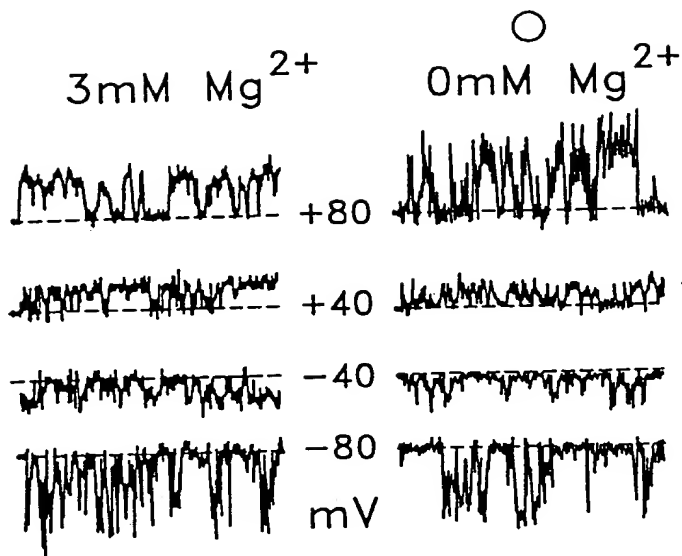


FIG. 5a

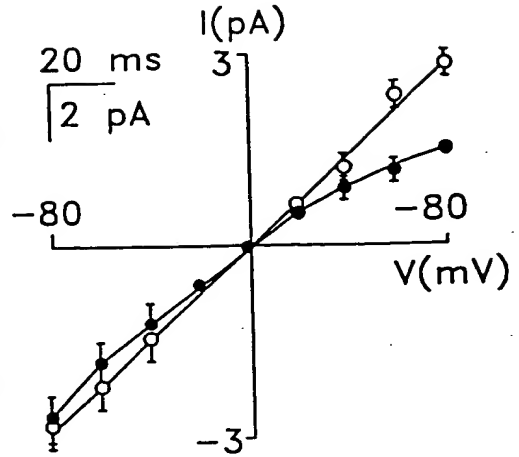


FIG. 5b

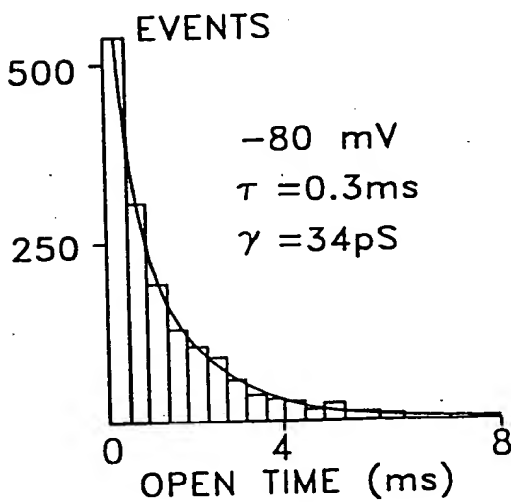
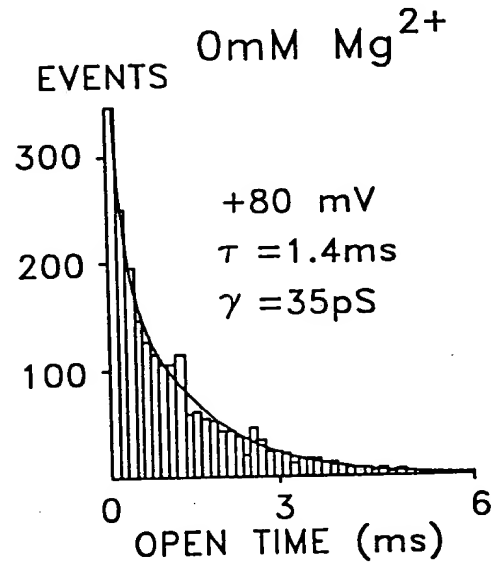
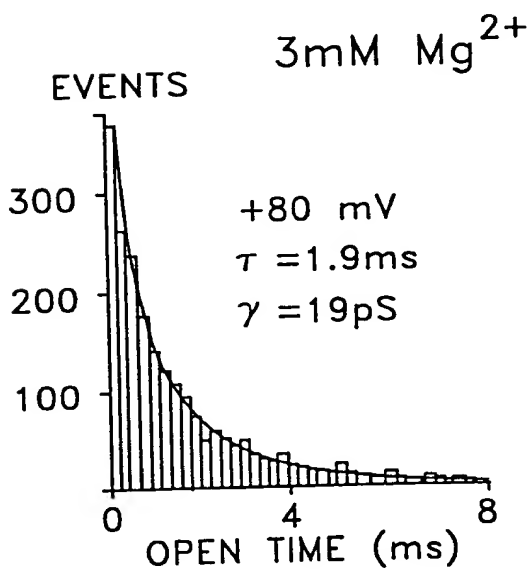


FIG. 5c

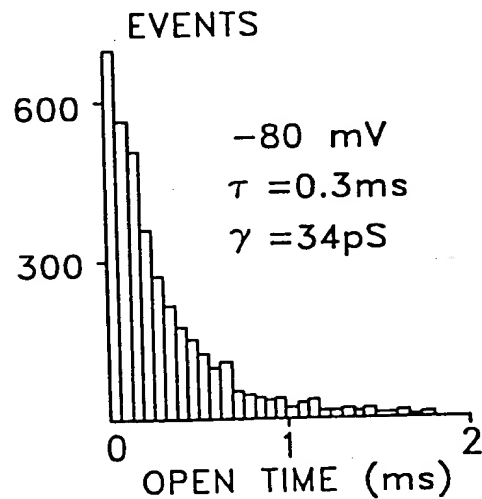


FIG. 5d

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APPROVED	O.G. FIG.
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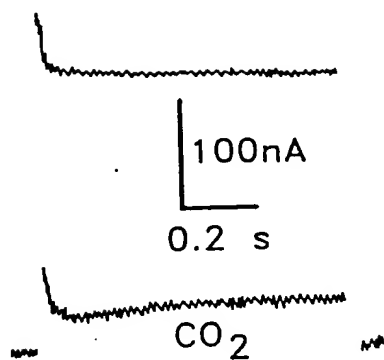


FIG. 6a

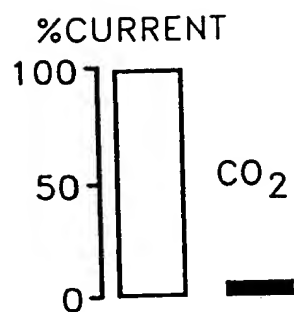


FIG. 6b

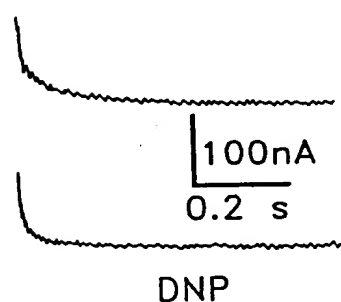


FIG. 6c

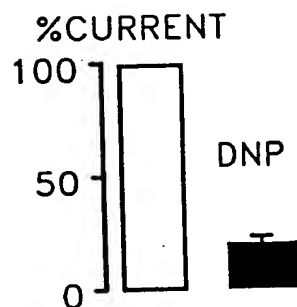


FIG. 6d

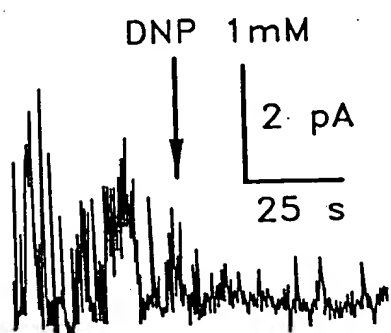


FIG. 6e

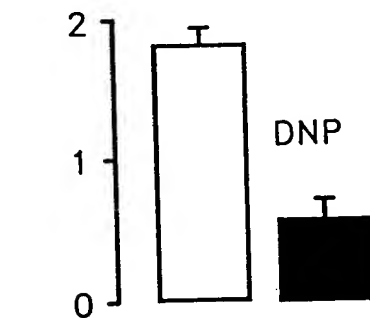


FIG. 6f

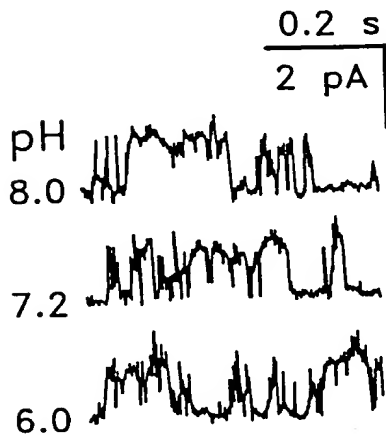


FIG. 6g

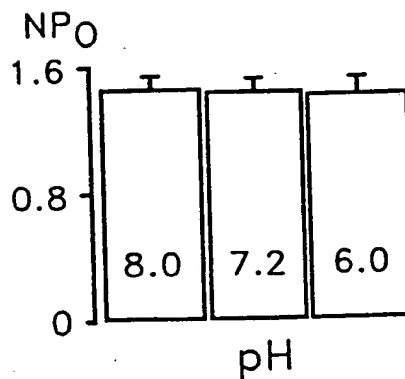


FIG. 6h

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APPROVED	O.G. FIG.
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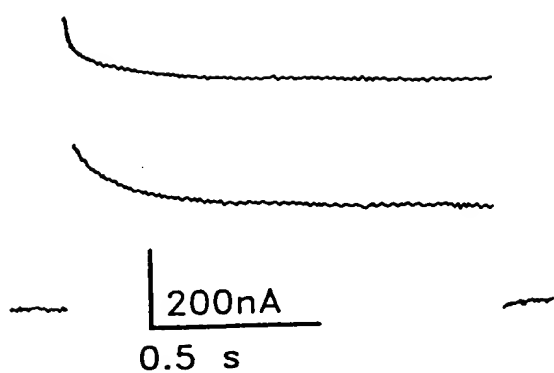


FIG. 7a

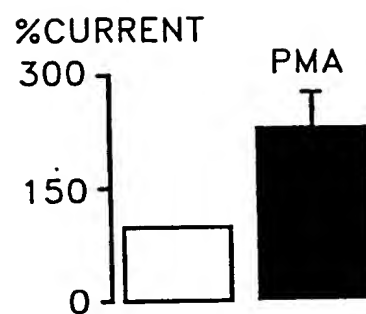


FIG. 7b

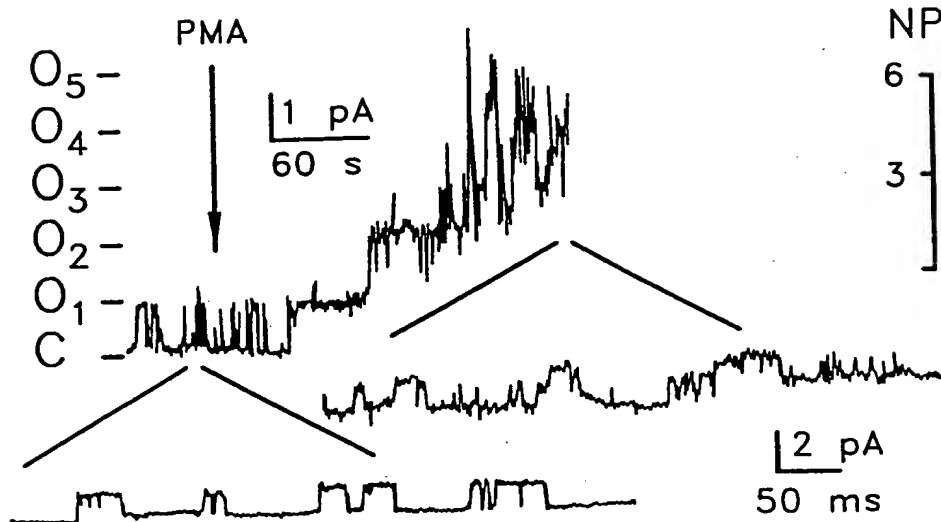


FIG. 7c

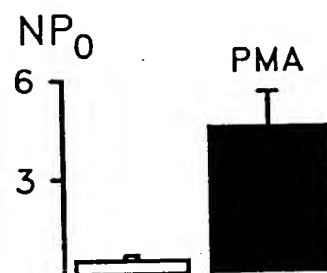


FIG. 7d

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